# BRUHAT BANGALORE MAHANAGARA PALIKE
## YELAHANKA ZONE

Name of work: Construction 1st floor Jimnaisam (Gymnasium) and Library building in Existing Community Center at Singapura near Varadarajaswamy Temple

| | | | | | | | | | Estimate Cost Rs. | 1850000.00 |
|---|---|---|---|---|---|---|---|---|---|---|
| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
| 1 | KSRRB M200-12.2. Dismantling of existing structure like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the sercieable materials with all lifts and lead of 1000 metres complete as per specifications. i) Lime/Cement Concrete.I. By Manual Means: B.Cement concrete Grade M -15 & M-20. P-121, I-18.18. | Cum | | | | | | | |
| | For Column | | 17 | 0.45 | 0.20 | 1.00 | 1.53 | | |
| | | | 2 | 22.00 | 0.90 | 0.20 | 7.92 | | |
| | | | 2 | 9.50 | 0.90 | 0.20 | 3.42 | | |
| | | | | | | | **12.87** | 262.88 | **3383.00** |
| | Basic Rate | 248.00 | | | | | | | |
| | Area Weightage @ 6% | 14.88 | | | | | | | |
| | Total | 262.88 | | | | | | | |
| 2 | KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of nominal **mix 1:1.5:3 with 20mm** and down size graded granite metal, machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, walls (any thickness) including attached plasters, column, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1,4.6, **No. 12/ Item No. 4.11/ PWD SR 2010-11** | Cum | | | | | | | |
| | For Column | | 12 | 0.375 | 0.60 | 3.60 | 9.72 | | |
| | | | 9 | 0.20 | 0.45 | 3.60 | 2.92 | | |
| | | | 2 | 3.14x0.375x0.375 / 4 | | 3.60 | 0.79 | | |
| | Lintel | | 2 | 45.50 | 0.20 | 0.20 | 3.64 | | |
| | | | 2 | 9.80 | 0.20 | 0.20 | 0.78 | | |
| | Beams | | 8 | 9.80 | 0.375 | 0.60 | 17.64 | | |
| | | | 2 | 3.70 | 0.300 | 0.30 | 0.67 | | |
| | | | 1 | 4.40 | 0.300 | 0.30 | 0.40 | | |
| | For Staircase | | 1 | 5.00 | 2.50 | 0.15+0.30 / 2 | 1.13 | | |
| | | | 1 | 2.50 | 1.50 | 0.20 | 0.75 | | |



3383.00

| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| | | | 1 | 3.00 | 2.50 | 0.15+0.30 | 0.68 | | |
| | | | | | | 2 | | | |
| | Roof Slab | | 1 | 22.80 | 9.80 | 0.15 | 33.52 | | |
| | | | 1 | 4.50 | 3.70 | 0.15 | 2.50 | | |
| | | | | | | | **75.12** | 5150.54 | **386910.00** |
| | Basic Rate | 4539.00 | | | | | | | |
| | Add Differnce in Cost of Cement 8.00x40.00 = | 320.00 | | | | | | | |
| | | 4859.00 | | | | | | | |
| | Area Weightage @ 6% | 291.54 | | | | | | | |
| | Total | **5150.54** | | | | | | | |
| 3 | KSRB 4.2.11 : Providing and laying in position reinforced cement concrete of mix 1:1.5:3 with 12 mm and down size graded granite metal, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto ground floor lever, including cost of all materials, labour, HOM of machinery, curing, complete as per specification. Specification NO. KBS 4.1, 4.6 **Page No. 13/ Item No. 4.20/ PWD SR 2010-11** | Sqm | | | | | | | |
| | W | | 16 | 1.80 | 0.60 | | 17.28 | | |
| | | | | | | | **17.28** | 400.26 | **6916.00** |
| | Basic Rate | 356.00 | | | | | | | |
| | Add Differnce in Cost of Cement 0.54x40.00 = | 21.60 | | | | | | | |
| | | 377.60 | | | | | | | |
| | Area Weightage @ 6% | 22.66 | | | | | | | |
| | Total | **400.26** | | | | | | | |
| 4 | KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20 cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. **Page No. 24/ Item No. 5.27/ PWD SR 2010-11** | Sqm | | | | | | | |
| | Long Wall (Bock Wall) | | 2 | 22.80 | | 4.50 | 205.20 | | |
| | Short Wall | | 2 | 9.80 | | 4.50 | 176.40 | | |
| | | | | | | | **381.60** | | |
| | Deduct for Openings | | | | | | | | |
| | Columns | | 21 | 0.45 | | 4.50 | 42.53 | | |
| | MD | | 1 | 3.00 | | 2.40 | 7.20 | | |
| | W | | 16 | 1.50 | | 1.20 | 28.80 | | |
| | | | | | | | **-78.53** | | |
| | | | | | | | **303.08** | 627.52 | **190186.00** |
| | Basic Rate | 586.00 | | | | | | | |
| | Add Differnce in Cost of Cement 0.15x40.00 = | 6.00 | | | | | | | |
| | | 592.00 | | | | | | | |
| | Area Weightage @ 6% | 35.52 | | | | | | | |
| | Total | **627.52** | | | | | | | |



584012/=

| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 5 | KSRB 4.9.2:providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 **Page No. 16/ Item No. 4.46/ PWD SR 2010-11** | Qtl | | | | | | | |
| | Beams and Columns 120 Kg / Cum | | 1.20 | 37.68 | | | 45.22 | | |
| | Roof Staircase 90 Kg / Cum | | 0.90 | 37.44 | | | 33.69 | | |
| | | | | | | | **78.91** | 5730.36 | **452199.00** |
| | Basic Rate | 5406.00 | | | | | | | |
| | Area Weightage @ 6% | 324.36 | | | | | | | |
| | Total | **5730.36** | | | | | | | |
| 6 | KSRB 15-3.10 : Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry & **concrete surface** including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. **Page No. 98/ Item No. 15.18 / PWD SR 2010-11** | Sqm | | | | | | | |
| | | | 1 | 22.40 | 9.40 | | 210.56 | | |
| | | | | | | | **210.56** | 146.28 | **30801.00** |
| | Basic Rate | 162.00 | | | | | | 181.05 | |
| | Add Differnce in Cost of Cement 0.22x40.00 = | 8.80 | | | | | | | 38122.00 |
| | | 170.80 | | | | | | | |
| | Area Weightage @ 6% | 10.25 | | | | | | | |
| | Total | **181.05** | | | | | | | |
| 7 | KSRB 15.3.13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to **ceiling** including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. **Page No.** 98/ **Item No. 15.21 / PWD SR -2010-11** | Sqm | | | | | | | |
| | Hall | | 1 | 22.40 | 9.40 | | 210.56 | | |

490321/=

| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| | Beams | | 8 | 9.40 | 1.20 | | 90.24 | | |
| | | | 2 | 3.70 | 0.60 | | 4.44 | | |
| | Toilet | | 1 | 4.40 | 3.50 | | 15.40 | | |
| | Staircase Bottom | | 1 | 5.00 | 2.50 | | 12.50 | | |
| | | | 1 | 3.00 | 2.50 | | 7.50 | | |
| | | | 1 | 2.50 | 1.50 | | 3.75 | | |
| | | | | | | | **344.39** | 146.28 | **50377.00** |
| | Basic Rate | 110.00 | | | | | | | |
| | Add Differnce in Cost of Cement 0.098x40.00 = | 3.92 | | | | | | 120.76 | 41589.00 |
| | | 113.92 | | | | | | | |
| | Area Weightage @ 6% | 6.84 | | | | | | | |
| | Total | **120.76** | | | | | | | |
| 8 | KSRB 15.3.12 :Providing 20mm thick cement plaster in single coat with cement mortar 1:6, to stone masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. **Page No. 98/ Item No. 15.20 / PWD SR 2010-11 (Inside wall)** | Sqm | | | | | | | |
| | Inside Wall Hall | | 2 | 22.40 | | 3.60 | 161.28 | | |
| | | | 2 | 9.40 | | 3.60 | 67.68 | | |
| | | | | | | | **228.96** | | |
| | Deductions - For door | | 0.5x1 | 3.00 | | 2.40 | 3.60 | | |
| | Windows | | 0.5x16 | 1.50 | | 1.50 | 18.00 | | |
| | | | | | | | **21.60** | | |
| | | | | | | | **207.36** | 139.28 | **28882.00** |
| | Basic Rate | 127.00 | | | | | | | |
| | Add Differnce in Cost of Cement 0.11x40.00 = | 4.40 | | | | | | | |
| | | 131.40 | | | | | | | |
| | Area Weightage @ 6% | 7.88 | | | | | | | |
| | Total | **139.28** | | | | | | | |
| 9 | KSRB 15.7: Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. **Page No. 99/ Item No. 51.33 / PWD SR 2010-11** | Sqm | | | | | | | |
| | | | | Qty Vide Item No. 14+15 | | | **551.75** | 16.96 | **9358.00** |
| | Basic Rate | 16.00 | | | | | | | |
| | Area Weightage @ 6% | 0.96 | | | | | | | |
| | Total | **16.96** | | | | | | | |
| 10 | KSRB 15-3.9: Providing 18mm thick cement plaster in single coat with cement mortar 1:6 to brick masonary including rounding off corners whereever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.**(P.No.97, I.No.15.17 of PW, P&IWTD S.R 2010-11)** | Sqm | | | | | | | |
| | Out Side Wall | | 2 | 22.80 | | 5.60 | 255.36 | | |
| | | | 2 | 9.80 | | 5.60 | 109.76 | | |
| | | | | | | | **365.12** | | |
| | Deductions - For door | | 0.5x1 | 3.00 | | 2.40 | 3.60 | | |
| | Windows | | 0.5x16 | 1.50 | | 1.50 | 18.00 | | |



79829/-

| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | **21.60** | | |
| | | | | | | | **343.52** | 131.40 | **45138.00** |
| | Basic Rate | 120.00 | | | | | | | |
| | Add Differnce in Cost of Cement 0.099x40.00 = | 3.96 | | | | | | | |
| | | 123.96 | | | | | | | |
| | Area Weightage @ 6% | 7.44 | | | | | | | |
| | Total | **131.40** | | | | | | | |
| 11 | KSRB 14.10.2 : Flooring with 25mm to 40mm thick polished **shahabad slabs** using mortar 1:6, 25mm thick over existing cement concrete bed or top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, including cost of materials, labour, curing, polishing complete as per specifications. **Page No. 90/ Item No. 14.16 / PWD SR 2010-11** | Sqm | | | | | | | |
| | Hall | | 1 | 22.40 | 9.40 | | 210.56 | | |
| | | | 1 | 4.40 | 3.50 | | 15.40 | | |
| | Staircaser | | 40 | 2.50 | | 0.20 | 20.00 | | |
| | | | 40 | 2.50 | | 0.30 | 30.00 | | |
| | | | | | | | **275.96** | 870.68 | **240274.00** |
| | Basic Rate | 811.00 | | | | | | | 240273.00 |
| | Add Differnce in Cost of Cement 0.26x40.00 = | 10.40 | | | | | | | |
| | | 821.40 | | | | | | | |
| | Area Weightage @ 6% | 49.28 | | | | | | | |
| | Total | **870.68** | | | | | | | |
| 12 | KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, **roofs**, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 **Page No. 14/ Item No. 4.29/ PWD SR 2010-11** | Sqm | | | | | | | |
| | | | 1 | 22.40 | 9.40 | | 210.56 | | |
| | | | 1 | 5.00 | 2.50 | | 12.50 | | |
| | | | 1 | 3.00 | 2.50 | | 7.50 | | |
| | | | 1 | 2.50 | 1.50 | | 3.75 | | |
| | | | 20 | 2.50 | 0.25 | | 12.50 | | |
| | | | | | | | **246.81** | 233.20 | **57556.00** |
| | Basic Rate | 220.00 | | | | | | | |
| | Area Weightage @ 6% | 13.20 | | | | | | | |
| | **Total** | **233.20** | | | | | | | |
| 13 | KSRB 4-6.7 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of **beams**, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 **Page No. 15/ Item No. 4.34/ PWD SR 2010-11** | Sqm | | | | | | | |
| | **Beams** | | 8 | 9.80 | 1.50 | | 117.60 | | |



342967.00

| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| | | | 2 | 3.70 | 0.90 | | 6.66 | | |
| | | | 1 | 4.40 | 0.90 | | 3.96 | | |
| | | | | | | | **117.60** | 169.60 | **19945.00** |
| | Basic Rate | 160.00 | | | | | | | |
| | Area Weightage @ 6% | 9.60 | | | | | | | |
| | **Total** | **169.60** | | | | | | | |
| 14 | KSRB 4-6.6 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for **columns**, pillars, piers, post and struts, circular or curved in plan including cost of all materials, labour complete as per specifications. Specification NO KBS 4.6.2 **Page No. 15/ Item No. 4.33/ PWD** | Sqm | | | | | | | |
| | **Columns** | | 18 | 1.30 | 4.00 | | 93.60 | | |
| | | | | | | | **93.60** | 612.68 | **57347.00** |
| | Basic Rate | 578.00 | | | | | | | |
| | Area Weightage @ 6% | 34.68 | | | | | | | |
| | Total 612.68 | | | | | | | | |
| 15 | KSRB 7.5 Providing and fixing pull and push type rolling shutters of approved make out of 18 guage, 75mm wide cold rolled steel laths of convex corrugation, with side guides and bottom rail, with interlocking arrangements for steel laths by means of alternate clips, suspension shaft with High tension coil type springs two numbers, mounted on specially designed pipe shaft, with bracket plates, guide channels, ball bearing arrangements, for inside & outside locking with push & operations complete Including pulling hooks, 4nos handles wit hall fittings and accessories, painted with a coat of red lead paint (without top cover) cost of materials, labour, HOM of machinery complete as per specifications. Shutter size 3mx2.8m Specification NO | Sqm | | | | | | | |
| | MD P30 Item No 7.5 EB Resn PWD 2010-11 | | 1 | 3.00 | | 2.10 | 6.30 | | |
| | | | | | | | **6.30** | 2839.74 | **17890.00** |

95182/-

| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| | Basic Rate | 2679.00 | | | | | | | |
| | Area Weightage @ 6% | 160.74 | | | | | | | |
| | Total | **2839.74** | | | | | | | |
| | | | | | | | | | |
| 16 | "Supplying and fixing pressed steel window frame of size 100x50mm manufacture from 1.25 mm thick carbon steel or imported steel strips with neat mitred joints at 900degree for window openings and shall be suitable to fix M.S grills as per design and drawings using 12mm dia roads at 100mm centre to centre horizontally and two members of M.S flats of 6mmx40mm size at 150mm apart, welded into a frame of 6mmx40mm size M.S flats with 16mm size lugs, and 8nos, of 100mm size hinger, 4nos of butt stay pins and 4nos, tower bolts and shutters half paneled and half glazed with shutters made out of seasoned honne wood, styles of 30mm thick and 100 mm width and rails of 30mm thick and 100 mm width and using 4mm thick pin headed glass and panel, filling with 12mm thick particle board of exterior grade bonded with phenol formal dehide resin and the shutter shall be rot proof vermin proof, heat resistant guaranteed against shrinkage, warp age and such other defects for a period of 3 years, this shall be as per approved drawing, specification and direction including cost of conveyance, manufacturing painting with 2 coats enamel paint over one coat of primer cost of labour for all items of work | Sqm | | | | | | | |
| | Windows | | 16 | 1.50 | | 1.50 | 36.00 | | |
| | P&S Item no 7.27 | | | | | | **36.00** | 3551.00 | **127836.00** |
| | Basic Rate | 3350.00 | | | | | | | |
| | Area Weightage @ 6% | 201.00 | | | | | | | |
| | Total | **3551.00** | | | | | | | |
| | | | | | | | | | |
| 17 | KSRB 15.14.1 : Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface including priming coat with distemper primer after througly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. **Page No. 100/ Item No. 15.49.1 / PWD SR 2010-** | Sqm | | | | | | | |
| | | | Qty Vide Item No.12+13 | | | | 551.75 | | |
| | | | | | | | **551.75** | 51.94 | **28658.00** |
| | Basic Rate | 49.00 | | | | | | | |
| | Area Weightage @ 6% | 2.94 | | | | | | | |
| | Total | **51.94** | | | | | | | |

| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 18 | KSRB 15-16 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to given an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. **with primer Page No. 101/ Item No. 15.53 /** | Sqm | | | | | | | |
| | | | | Qty Vide Item No.14 | | | 343.52 | | |
| | | | | | | | **343.52** | 63.60 | **21848.00** |
| | Basic Rate | 60.00 | | | | | | | |
| | Area Weightage @ 6% | 3.60 | | | | | | | |
| | Total | **63.60** | | | | | | | |
| 19 | KSRB 8.6-5: Providing and fixing in wall surface 2.5 kg/sq.cm H.D.P.E. rain down water pipes 90 mm outer dia approved make and brand with necessary specials like shoes bends and offsets fixed with iron clamps, walls plugs, screws, including cost of materials, labour, complete as per specifications. **Page No. 42/ Item No. 8.16/ PWD SR 2010-11** | m | | | | | | | |
| | | | 6 | 5.00 | | | **30.00** | 636.00 | **19080.00** |
| | Basic Rate | 600.00 | | | | | | | |
| | Area Weightage @ 6% | 36.00 | | | | | | | |
| | **Total** | **636.00** | | | | | | | |
| 20 | **switch:** Supplying and wiring adopting loop system in existing PVC Conduit/casing caping using **Copper** PVC insulated multi strand 2x1.5sqmm copper wire with a 6 Amps flush type SP Control switch shall be fixed on the existing plastic sheet/gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. Complete for each | 1 3/8 | | | | | | | |
| | **II Point wiring using class B Materia** | | | | | | | | |
| | a) Short point upto 3Mtr from tapping to out let via switch | | | | Each | | 10 | 140.00 | **1400.00** |
| | b) Medium point above 3Mtr upto 6Mtr from Tapping point to out let via switch | | | | Each | | 8 | 141.00 | **1128.00** |
| | c) Long point above 6Mtr upto 10Mtr from Tapping point to out let via switch | | | | Each | | 15 | 325.00 | **4875.00** |
| | | | | | | | | | **3250.00** |

| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 21 | **Point wiring using copper wire without switch:** Supplying and wiring adopting loop system in existing PVC Conduit/casing caping using **Copper** PVC insulated multi strand 2x1.5sqmm copper wire **without switch,** the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. Complete for each outlet. | 2<br>4/9 | | | Each | | 10 | 325.00 | 3250=00 |
| | **II Point wiring using class B Materi** | | | | | | | | |
| | c) Long point above 6Mtr upto 10Mtr from | | | | | | | | |
| | Tapping point to out let via switch box | | | | | | | | **440.00** |
| 2 | Supply and fixing of backlite D.P/Socket/switch with/without neon indicator over existing wood board or flush mounting in plastic plates/nitches. | 3<br>6/14 | | | Each | | 4 | 110.00 | |
| | **II Using Group 'B' Material.** | | | | | | | | |
| | a) 32Amps Flush/project type DP swit | | | | SqCm | | 5000 | 0.20 | **1000.00** |
| 3 | Supplying 4mm thick plastic sheet with necessary nitches for fixing switches regulators etc., and fixing on existing wooden or metal box using N.F.Screws. | 4<br>10/22 | | | Each | | 2 | 2550.00 | **5100.00** |
| 4 | 22. Supplying of 1440 rpm heavy duty exhaust fan with bracket blades suitable for operate on 230 V 50 Hz, AC Supply complete. 1 12" Sweep (300 mm) a) Group 'A' | 5<br>22/22 | | | | | | | **3200.00** |
| 5 | Supply patty type fluorescent tube light fitting of **4'-36/40** watts fluorescent tube fitting, made out of M.S sheet and stove enameled with low loss open construction copper wound ferromagnetic ballast, starter, locking type brass contact holders mounted on double fold type sheet base fully wired for use on230 Volts A C Supply including 1No 4'-36/40 Watts fluorescent tube. | 6<br>16/3 | | | Each | | 10 | 320.00 | |
| | a) Group 'B' | | | | Each | | 5 | 1950.00 | **9750.00** |

22740/=

| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 26 | **23.** Supplying capacitor type ceiling fan complete with dawn rod blades, shackle, canopies etc., for operation on 230 Volts, 50 Cycles, Single Phase AC Supply conforming to ISS-374-1979 and with double ball bearing system.II 56" Sweep (1400mm) a) Regular model (Khaitan, Crompton Greaves, Orient, Polar, Bajaj, Usha, Havells, Almonard) | 7<br>23/23 | | | Each | | 5 | 600.00 | **3000.00** |
| 7 | **18.** Supplying and fixing of modular switch/Scocket/stepped electronic fan regulator/dimmer/telephone socket etc on existing modular switch plate.e) 600 Watts Dimmer | 8<br>8/18 | | | | | | | |
| 28 | Supplying and flush mounting teak wooden box without front plank made of not less than 12 mm thick wood, after due groove cutting necessary masony patch work complete. (ch-01) (P.03) (S.l No -06) | 9<br>3/6 | | | Each | | | | |
| | a) 12x"12x"3" (300x300x76mm) | | | | Each | | 4 | 90.00 | **360.00** |
| | b) 10"x7"3"(254x178"x76mm) | | | | Each | | 8 | 60.00 | **480.00** |
| 29 | Supplying, fixing wiring earth electrode for gounding conduits, I.C.Cutouts and other equipments on the meter board using 40mm dia 2.90 thick GI 2.5 mtr long buried in a pit… the pit should be filled with equal proportion of salt and charcoal 150mm alround the pipe to complete depth. The connection from the pipe to the conduit etc, is to be established through GI wire of size as oer ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and checknuts etc, the pipe shall have 16 through holes of 122 mm dia. | 10<br>66/7 | | | Each | | 1 | 1500.00 | **1500.00** |
| 30 | 10. Supplying and fixing Moulded Case Circuit Breaker (MCCB) over the existing wood/panel board using necessary screws, bolts, nuts and wiring complete.THREE POLE A) 100 Amps 25 kA, | 11<br>33/10 | | | Each | | 1 | 3900.00 | **3900.00** |



9260/=

| Sl No | Description of item | Unit | No | L | B | D | Qty | Rate | Amount |
|---|---|---|---|---|---|---|---|---|---|
| 31 | 3. Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers etc., complete.a) 16 Amps | 12<br>30/3 | | | Each | | 1 | 50.00 | 50.00 |
| 32 | 13. Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and wiring complete as required. A) 5-32 Amps SP 1) Group 'A' | 13<br>34/13 | | | Mtr | | 8 | 200.00 | 1600.00 |
| 33 | **24.** Supplying and fixing of PVC casing and capping on the wall or celiling using necessary materials like bends, screws at an interval of 300mm… etc as required<br>b) 25mm | 14<br>10/24 | | | Each | | 50 | 39.00 | 1950.00 |
| 34 | **18.** Supplying and fixing of modular switch/Scocket/stepped electronic fan regulator/dimmer/telephone socket etc on existing modular switch plate.<br>g) 16 Amps one way switch | 15<br>8/18 | | | Each | | 8 | 130.00 | 1040.00 |
| | j) 6/16 Amps Universal socket | | | | Each | | 8 | 190.00 | 1520.00 |
| 35 | **15.** Supplying and surface/flush mounting unbreakable PVC modular box suitable for mounting modular switch plates. The box should be firmly/surface/flush mounted after due groove cutting in Brick/C.C wall, fixing including necessary rawl plugs, Machine/ NF screwes etc., complete<br>a) 1-3Way | 16<br>7/15 | | | | | 12 | 65.00 | 780.00 |
| | **BESCOM Deposit** | | | | | | | | 10000.00 |
| 7 | Miscesalaneous Charges | | | | | | | | 8161-00<br>2476.00 |
| | | | | | | | | Total | 1850000.00 |

Technical Sanction for Rs. 18.50 Lakhs
Rupees Eighteen Lakhs and Fifty Thousands only
under P1878-18 Por Schedule
(Bhagyanagar Sewing Account Yojana and General SH Lakh Recovery)
registered as CE No. YBK/TS/170/11-12 Subject to Conditions contained in enclosed memo
No. ..... Dt. 14/03/2012
AE/JE 14/03/2012 SE (BTP) CE (BTP)

ADMINISTRATIVELY SANCTIONED FOR Rs. 18.50 Lakhs
Rupees Eighteen Lakhs Fifty Only
Under P. 1878 18.7.
Registered as F... Subject ... enclosed memo ...
Dt. 14.3.12 Is hereby sanctioned
No. 185
dated 14.3.12 Rs. 18.50 Lakhs

(Rupees Seventeen Lakhs only)

Commissioner
(Byatarayanapura)

**CERTIFICATE**

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2010-11 and PWD SR Electricals 2010-11.
3 This work included under 22.75% Grand of POW 2010-1 .
4 The provisions were made in this estimate are necessary and adequate.
5 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division